

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
22 March 2001 (22.03.2001)

PCT

(10) International Publication Number
WO 01/20201 A1(51) International Patent Classification: F16J 15/12,
F16L 41/04(74) Agent: HARRISON GODDARD FOOTE; Tower
House, Merrion Way, Leeds LS2 8PA (GB).

(21) International Application Number: PCT/GB00/03547

(22) International Filing Date:
15 September 2000 (15.09.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
9921791.1 16 September 1999 (16.09.1999) GB(71) Applicant (for all designated States except US): FTL
SEALS TECHNOLOGY LIMITED [GB/GB]; Brunt-
cliffe Avenue, Leeds 27 Business Park, Morley, Leeds
LS27 0TG (GB).

(72) Inventor; and

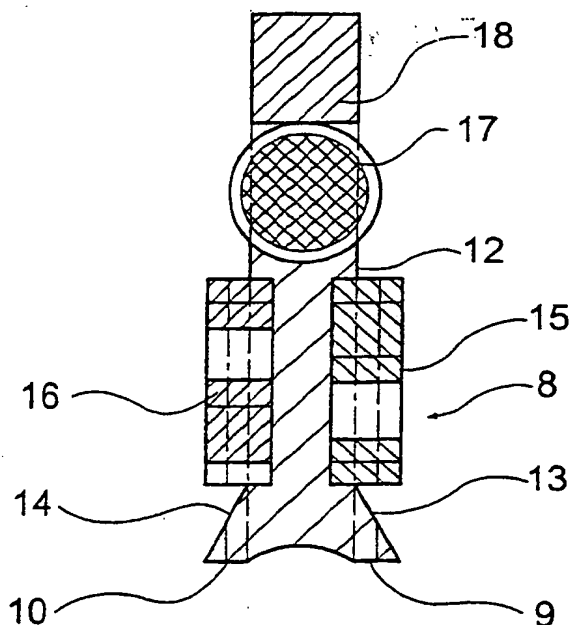
(75) Inventor/Applicant (for US only): SMITH, Steve
[GB/GB]; 30 The Spinney, Street Lane, Moortown, Leeds
LS17 6SP (GB).(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: SEAL ASSEMBLY

(57) Abstract: There is described a seal assembly and a method
of sealing parallel, planar, arcuate or convex surfaces. The seal
assembly comprises a ring seal provided with a pair of primary
sealing lips (9, 10), radially disposed on a first, circumferential
face of the ring (8); a second, radial face (13, 14) being provided
with means (15, 16) for dispersing pressurised fluid. There is
also provided a method of introducing a three way joint into a
pipeline.

WO 01/20201 A1